

# INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2004/000551

## A. CLASSIFICATION OF SUBJECT MATTER

Int.Cl<sup>7</sup> G03F15/01, G03G15/00, 303, H01L27/146

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl<sup>7</sup> G03G15/01, G03G15/00, 303, H01L27/146

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Jitsuyo Shinan Koho	1992-1996	Toroku Jitsuyo Shinan Koho	1994-2004
Kokai Jitsuyo Shinan Koho	1971-2004	Jitsuyo Shinan Toroku Koho	1996-2004

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5699450 A (Xerox Corp.), 16 December, 1997 (16.12.97), Full text; all drawings & JP 8-261823 A & EP 730208 A	1-6
A	JP 2002-40746 A (Casio Denshi Kogyo Kabushiki Kaisha, Casio Computer Co., Ltd.), 06 February, 2002 (06.02.02), Full text; all drawings (Family: none)	1-6
A	Microfilm of the specification and drawings annexed to the request of Japanese Utility Model Application No. 59666/1983 (Laid-open No. 166208/1984) (Omron Tateisi Electronics Co.), 07 November, 1984 (07.11.84), Full text; all drawings (Family: none)	1-6

☒ Further documents are listed in the continuation of Box C. ☐ See patent family annex.

<p>* Special categories of cited documents:</p> <p>"A" document defining the general state of the art which is not considered to be of particular relevance</p> <p>"E" earlier document but published on or after the international filing date</p> <p>"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</p> <p>"O" document referring to an oral disclosure, use, exhibition or other means</p> <p>"P" document published prior to the international filing date but later than the priority date claimed</p>	<p>"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</p> <p>"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</p> <p>"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art</p> <p>"&amp;" document member of the same patent family</p>
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Date of the actual completion of the international search  
03 March, 2004 (03.03.04)

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16 March, 2004 (16.03.04)

Name and mailing address of the ISA/  
Japanese Patent Office

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## C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>Microfilm of the specification and drawings annexed to the request of Japanese Utility Model Application No. 102653/1986(Laid-open No. 9155/1988)            (Sanyo Electric Co., Ltd.),            21 January, 1988 (21.01.88),            Full text; all drawings            (Family: none)</p>	1-6